NATIONAL AGRICULTURAL CHEMICALS ASSOCIATION

NEWS

AND PESTICIDE REVIEW

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SPECIAL ISSUE

OFFICIAL FDA TOLERANCES

Complete through December 1, 1960

NATIONAL AGRICULTURAL CHEMICALS ASSOCIATION

NEWS

AND PESTICIDE REVIEW

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The NAC News and Pesticide Review is the official publication of the National Agricultural Chemicals Association, 1145 19th St., N. W., Washington 6, D. C. Telephone: FEderal 8-2833. L. S. Hitchner, Executive Secretary.

Published in the interest of furthering the proper use of chemicals in agricultural production. Issued six times yearly. Controlled, free circulation to scientists, agricultural leaders, industrialists, segments of the press, and federal and state agricultural workers.

It Pays to Read the Label

"One of our primary interests in the Food and Drug Administration these days is to make sure that food crops that have been treated with pesticides are safe to eat. This is one of the goals of the Federal pure food and drug law which we administer, and I am sure that it is also the goal of growers and industry.

"In FDA we determine what amount of a spray may remain on a crop without causing any harm to the person who eats it. We set that safe level as the permitted tolerance. Crops that have too much spray left on them must not be shipped.

"Frequently we are asked how the grower can be sure without expensive laboratory work that his crops will not contain too much residue. Fortunately there is an easy method for him to use, and that is to follow the directions appearing on the label of the pesticide. Another Government agency, the U.S. Department of Agriculture, registers the labels and reviews the directions on products shipped across state lines. Our two Departments work as a team—they register the pesticide label, we set the safe tolerance for crops.

"It is important to follow the label directions when using sprays for several reasons. To name only a few—

"The health of the man who does the spraying as well as the consumer of the sprayed crops depends upon proper application of the pesticide; and—

"The abundance and variety of our food supply depends on the effective use of pesticides.

"So to be sure that your crop will be safe for shipment, follow these three simple rules:

"First, use a pesticide only on a crop for which it is recommended on the label;

"Second, use only the quantity of pesticide called for by the label;

"Third, apply the pesticide at the time recommended on the label.

"Do these three things and pesticides will work safely for you—both as a grower and as a consumer. So—always read and follow the label—whether it be for foods, drugs, or pesticides. It pays!"

Commissioner George P. Larrick
Food and Drug Administration
U.S. Department of Health,
Education, and Welfare.

This special issue of *NAC News and Pesticide Review* is the seventh annually revised listing of official tolerances for pesticide chemicals used in or on raw agricultural commodities, as established by the Food and Drug Administration, U.S. Department of Health, Education, and Welfare.

Many uses of pesticides leave no residues on food crops at the time of harvest when the pesticides are used strictly in accordance with Federally registered label directions. Where no residues result from a certain use of a pesticide, it is not necessary to obtain a formal tolerance.

This compilation lists only those pesticide chemicals and crops on which tolerances have been established by FDA.

OFFICIAL FDA TOLERANCES

The tolerances as listed in this publication have been carefully compiled from the official tolerance orders as published in the Federal Register. NAC Association, however, does not accept any responsibility for errors, omissions, or other inaccuracies.

PESTICIDE CHEMICALS WHICH ARE NOT UNDER THE MILLER AMENDMENT

The following pesticide chemicals are not under the Miller Amendment. They have been declared safe and require no formal tolerances or exemptions for pesticidal use: ferrous sulfate, sulfur, lime, lime-sulfur, potassium polysulfide, sodium carbonate, sodium chloride, sodium polysulfide.

PESTICIDE CHEMICALS WHICH ARE EXEMPT FROM THE REQUIREMENT OF A TOLERANCE

A. When applied to growing crops, in accordance with good agricultural practice, the following pesticide chemicals are exempt from the requirement of a tolerance:

1) **The following copper compounds:**
   Bordeaux mixture
   copper acetate
   basic copper carbonate (malachite)
   copper-lime mixtures
   copper oleate
   copper oxychloride
   copper silicate
   copper sulfate basic
   copper sulfate monohydrate
   copper-zinc chromate
   cuprous oxide
   tetra copper calcium oxychloride
2) **Allethrin (allyl homolog of cinerin I) on beans, broccoli, brussels sprouts, cabbage, cauliflower, collards, horseradish, kale, kohlrabi, lettuce, mushrooms, mustard greens, radish, rutabagas, turnips.**
3) **N-Ocytylbicyclo-(2,2,1) — 5-heptene-2,3-dicarboximide**
4) **Petroleum oils**
5) **Piperonyl butoxide**
6) **Piperonyl cyclonene**
7) **N-Propyl isome**
8) **Pyrethrum and pyrethrins**
9) **Rotenone or derris or cubé roots**
10) **Ryania**
11) **Sabadilla**
12) **Bacillus thuringiensis Berliner (as specified in paragraph (a) of the official tolerance order), in or on alfalfa, apples, artichokes, beans, broccoli, cabbage, cauliflower, celery, cottonseed, lettuce, potatoes, spinach.**

These pesticides are not exempted from the requirement of a tolerance when applied to a crop at the time of or after harvest. Tolerances have been established for post-harvest uses of some of these pesticides. See under specific crops.

B. When applied to raw agricultural commodities after harvest in accordance with good agricultural practice, the following pesticide chemicals are exempt from the requirements of a tolerance:

1) **Carbon disulfide (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
2) **Ammonia (exempt for post-harvest use on grapefruit, lemons, oranges.)**
3) **Carbon tetrachloride (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
4) **Ethylene dichloride (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
5) **Ethylene dibromide (organic bromide residues exempt when used as a fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
   A tolerance of 50 p.p.m. of inorganic bromide residues (calculated as Br.) from ethylene dibromide when used as a grain fumigant has been set on the same crops.
6) **Chloropicrin (exempt when used as a fumigant for the following grains: barley, buckwheat, corn, oats, rice, rye, grain sorghum, wheat.)**
7) **Chloroform (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
8) **Methylene chloride (exempt when used as a fumigant for the following grains: barley, corn, oats, popcorn, rice, eye, sorghum (milo), wheat, and when used in the postharvest fumigation of citrus fruits.)**
9) **1,1,1-Trichloroethane (exempt when used in the postharvest fumigation of citrus fruits.)**
10) **Sulfur dioxide and sodium metabisulfite (exempt when used in the fumigation of barley, buckwheat, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)** (*Change pending*)

ZERO TOLERANCES

The following poisonous or deleterious substances should not be used under conditions that will leave any toxic residues from them on fruits or vegetables as prepared for market.

Calcium cyanide (tolerances established for certain uses. See under specific crops.)
Dinitro-O-sec. butylphenol.
Dinitro-O-cresol.
Hexaethyl tetraphosphate.
Mercury-containing compounds.
Hydrocyanic acid (tolerances established for post-harvest use. See under specific crops.)
Selenium and selenium compounds.
Tetraethyl pyrophosphate.

The Zero Tolerances listed above are from the 1950 hearings. Other Zero Tolerances established under the Miller Amendment are listed under specific crops.

NOTE: Many uses of pesticides leave no residues when the pesticides are used as directed. Where no residues result from a certain use of a pesticide, it is not necessary to obtain a formal tolerance. However, this has been done in some instances and a number of Zero tolerances have been established because no residues result from use of the pesticides according to directions. For detailed information on specific pesticides consult the manufacturer

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Unless otherwise stated tolerances apply to residues from pre-harvest or pre-slaughter applications of pesticide chemicals.

FRUITS

(1) Apples, pears, and quinces.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.
1,1-bis (*p*-Chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Chlordane	0.3 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
2,4-Dichlorophenoxy acetic acid	5 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4yH)-lmethyl phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Glyodin	5 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	5 p p.m. of inorganic bromide calculated as Br.
Methoxychlor	14 p.p.m.
Naphthalene acetic acid	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Phenothiazine	7 p.p.m.
TDE	7 p.p.m.
2,4,5,4'-tetrachlorodiphenyl sulfone	5 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Apples and Pears.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
p-chlorophenyl phenyl sulfone	8 p.p.m.
Dalapon	3 p.p.m. as 2,2-dichloropropionic acid.
Demeton	0.75 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Dodine	p.p.m.
Ethion	1 p.p.m.
Ethyl 4,4'-dichlorobenzilate	5 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	0.5 p.p.m.
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Ovex	3 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium-*o*-phenylphenate (post-harvest use)	25 p.p.m. calculated as *o*-phenylphenol.

Apples.

Pesticide	*Tolerance*
Dichlone	3 p.p.m.
Ethoxyquin	3 p.p.m.
Heptachlor	Zero
Maneb	7 p.p.m.
Manganous dimethyldithiocarbamate	7 p.p.m. as zinc ethylene-bisdithiocarbamate.
Mercaptobenzothiazole	0.1 p.p.m. as 2,2'-dithiobisbenzothiazole.
Thiram	7 p.p.m.

Crabapples.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

CRABAPPLES—*Continued*

1,1-bis (*p*-Chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	2 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
2,4,5,4′-tetrachlorodiphenyl sulfone	5 p.p.m.

Pears.

Pesticide	*Tolerance*
Basic copper carbonate (post-harvest application).	3 p.p.m. of combined copper

(2) Apricots.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-Chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dalapon	1 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
2,4,5,4′-tetrachlorodiphenyl sulfone	5 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(3) Avocados.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.

Blackberries. For tolerances established for pesticide residues on blackberries, see "Raspberries, blackberries, etc."

(4) Blueberries (huckleberries).

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Ziram	7 p.p.m.

(5) Cherries.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dichlone	3 p.p.m.
1,1-Dichloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	25 p.p.m. of total combined bromines.
Ferbam	7 p.p.m.
Glyodin	5 p.p.m.
Heptachlor	Zero
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
2,4,5,4′-tetrachlorodiphenyl sulfone	5 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Sour cherries.

Pesticide	*Tolerance*
Dodine	5 p.p.m.

(6) Citrus fruits

Grapefruit, lemons, limes, oranges, tangerines.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
S-(*p*-chlorophenylthio) methyl *O,O*-diethyl phosphorodithioate.	2 p.p.m.
DDT	7 p.p.m.
2, 4, Dichlorophenoxy acetic acid	5 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
2,3-*p*-dioxanedithiol S,S-bis(O,O-diethyl phosphorodithioate).	2.8 p.p.m.
Dieldrin	0.25 p.p.m.
Dinitro-O-cyclohexylphenol	1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
EPN	3 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	1 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	10 p.p.m.
2,4,5,4′-tetrachlorodiphenyl sulfone	2 p.p.m.
Tartar emetic	3.5 p.p.m. of combined antimony trioxide.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.

Grapefruit, oranges, lemons, tangerines.

Pesticide	*Tolerance*
Ovex	5 p.p.m.

Grapefruit, lemons, oranges.

Pesticide	*Tolerance*
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Demeton	0.75 p.p.m.
Diphenyl (post-harvest use)	110 p.p.m.

Grapefruit and Oranges

Pesticide	*Tolerance*
Ethion	1 p.p.m.

Grapefruit and tangerines.

Ethyl 4,4′-dichlorobenzilate	5 p.p.m.

Lemons and oranges.

Pesticide	*Tolerance*
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ethyl 4,4′-dichlorobenzilate	5 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

Oranges.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Citrus citron.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Sodium-o-phenylphenate (post harvest use)	10 p.p.m.
2,4,5,4'-tetrachlorodiphenyl sulfone	2 p.p.m.

Kumquats.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	10 p.p.m.

Tangelos.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
S-(*p*-chlorophenylthio) methyl *O,O*-diethyl phosphorodithioate.	2 p.p.m.
2,3-*p*-dioxanedithiol S,S-bis(O,O-diethyl phosphorodithioate).	2.8 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	10 p.p.m.
2,4,5,4'-tetrachlorodiphenyl sulfone	2 p.p.m.

(7) Cranberries.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dalapon	5 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(8) Currants.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Zineb	7 p.p.m.

(9) Dates.

Pesticide	*Tolerance*
Ferbam	7 p.p.m.
Malathion	8 p.p.m.
Parathion	1 p.p.m.

(10) Figs.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

(11) Gooseberries.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Grapefruit. For tolerance established for pesticide residues on grapefruit, see "Citrus fruits."

(12) Grapes.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p*-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dalapon	3 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Demeton	1.25 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	5 p.p.m.
2,3-*p*-dioxanedithiol-S,S-bis(O,O,-diethyl phosphorodithioate).	2.1 p.p.m.
Diuron	1 p.p.m.
Ethion	1 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium arsenate	3.5 p.p.m. of combined As_2O_3.
Tartar emetic	3.5 p.p.m. of combined antimony trioxide.
TDE	7 p.p.m.
2,4,5,4'-tetrachlorodiphenyl sulfone	5 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(13) Guavas.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
DDT	7 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Zineb	7 p.p.m.

Lemons. For tolerances established for pesticide residues on lemons, see "Citrus fruits."

Loganberries. For tolerances established for pesticide residues on loganberries, see "Raspberries, etc."

(14) Mangoes.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

MANGOES—*Continued*

Dieldrin	0.1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Nectarines. For tolerances established for pesticide residue on nectarines, see "Peaches and nectarines."

Oranges. For tolerances established for pesticide residues on oranges, see "Citrus fruits."

(15) Papayas.

Pesticide	*Tolerance*
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Methyl bromide (post harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

(16) Passion fruit.

Pesticide	*Tolerance*
Malathion	8 p.p.m.

(17) Peaches and Nectarines.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 pp..m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
2,4,5,4'-tetrachlorodiphenyl sulfone	5 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Peaches.

Pesticide	*Tolerance*
2-lethrin (post-harvest use)	4 p.p.m.
(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
p-chlorophenyl phenyl sulfone	8 p.p.m.
Dalapon	15 p.p.m. as 2,2-dichloropropionic acid.
Demeton	0.75 p.p.m.
Dichlone	3 p.p.m.
Ethion	1 p.p.m.
Glyodin	5 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Ovex	3 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	20 p.p.m.
Thiram	7 p.p.m.

Pears. For tolerances established for pesticide residues on pears, see "Apples, pears and quinces."

(18) Pineapples.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
Dalapon	3 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Diuron	1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ethylene dibromide (soil treatment)	40 p.p.m. of inorganic bromide calculated as Br.
EPN	3 p.p.m.
Heptachlor	Zero.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	1 0p.p.m.

(19) Plums (fresh prunes).

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dalapon	1 p.p.m. as 2,2-dichloropropionic acid.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dichlone	3 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	2 p.p.m.
Ethion	1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	25 p.p.m. of total combined bromines.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
1-naphthyl N-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Ovex	3 p.p.m.
TDE	7 p.p.m.
2,4,5,4'-tetrachlorodiphenyl sulfone	5 p.p.m.
Zineb	7 p.p.m.

Quinces. For tolerances established for pesticide residues on quinces see "Apples, pears and quinces."

(20) Raspberries, blackberries, loganberries, and related berries.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Glyodin	5 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

RASPBERRIES, BLACKBERRIES, LOGANBERRIES, and etc.—*Continued.*

Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Boysenberries and dewberries.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Malathion	8 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Raspberries.

Pesticide	*Tolerance*
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.

(21) Rhubarb.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.
Maneb	10 p.p.m.

(22) Strawberries.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
Dichlone	15 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	10 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ethion	1 p.p.m.
Ethylene dibromide (soil treatment)	5 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin-3-oxide	2 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
1-naphthyl N-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Sesone	2 p.p.m.
Sodium dehydroacetate (post-harvest application).	65 p.p.m. calculated as dehydroacetic acid.
TDE	7 p.p.m.
Thiram	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Tangerines. For tolerances established for pesticide residues on tangerines, see "Citrus fruits."

VEGETABLES

(23) Artichokes.

Pesticide	*Tolerance*
DDT	7 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.

(24) Asparagus.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Dalapon	30 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (soil treatment)	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Monuron	7 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Sesone	2 p.p.m.
Sodium 2,4-dichlorophenoxyacetate	5 p.p.m. as 2,4-D

(25) Beans, green beans, snap beans, lima beans, and black-eyed peas.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Magnesium arsenate	3.5 p.p.m. of combined As_2O_3.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Beans.

Pesticide	*Tolerance*
Aldrin	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Demeton	0.3 p.p.m.
Dichlone	3 p.p.m.
Dieldrin	Zero.
Ethion	1 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Beans (dried).

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.

Green Beans.

Pesticide	*Tolerance*
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

Lima Beans.

Pesticide	*Tolerance*
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ethylene dibromide (soil treatment)	5 p.p.m. of inorganic bromide calculated as Br.

Snap Beans.

Pesticide	*Tolerance*
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.

Blackeyed peas.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.
Heptachlor	Zero.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

(26) Beets.

Beets (garden) (with or without tops) or beet greens alone.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Ziram	7 p.p.m.

Beets (garden) roots only.

Pesticide	*Tolerance*
Heptachlor	Zero.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Zineb	7 p.p.m.

Beets (garden) tops only.

Pesticide	*Tolerance*
Zineb	25 p.p.m.

Sugar beets and sugar beet tops.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthio) methyl *O,O*-diethyl phosphorodithioate.	5 p.p.m.
Dalapon	5 p.p.m. as 2,2-dichloropropionic acid.
Endrin	Zero.

Sugar beets (but not tops).

Pesticide	*Tolerance*
EPN	3 p.p.m.
Heptachlor	Zero.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

(27) Broccoli.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
1,1-Dichloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-yimethyl phosphorodithioate.	2 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Brussels sprouts. For tolerances established for pesticide residues on brussels sprouts, see "Cabbage, brussels sprouts, etc."

(28) Cabbage, brussels sprouts, kohlrabi, cauliflower.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
Copper arsenate	3.5 p.p.m. of combined As_2O_3.
DDT	7 p.p.m.
1,1-Dichloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Cabbage, brussels sprouts, cauliflower.

Pesticide	*Tolerance*
Demeton	0.75 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.

Brussels sprouts, kohlrabi, cauliflower.

Pesticide	*Tolerance*
Maneb	10 p.p.m.

Cabbage.

Pesticide	*Tolerance*
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
(*O,O*-dimethyl S-4-oxo-1,2,3-benzotriazin-3 4H)-ylmethyl phosphorodithioate.	2 p.p.m.
Endrin	Zero.
Maneb	10 p.p.m.

Chinese cabbage.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Maneb	10 p.p.m.
Zineb	25 p.p.m.

Cauliflower.

Pesticide	*Tolerance*
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	2 p.p.m.
Ethylene dibromide (soil treatment)	10 p.p.m. of inorganic bromide calculated as Br.

(29) Carrots (with or without tops) or carrot tops.

Pesticide	*Tolerance*
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
Copper arsenate	3.5 p.p.m. of combined As_2O_3.
DDT	7 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Carrots.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

Cauliflower. For tolerances established for pesticide residues on cauliflower, see "Cabbage, brussels sprouts, etc."

(30) Celery.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
Dichlone	3 p.p.m.
2,4-dichloro-6-o-chloroanilino-s-triazine	10 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

CELERY—*Continued*

Dicyclothexylamine salt of Dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Collards. For tolerances established for pesticide residues on collards, see "Kale and collards."

(31) Corn (fresh vegetable).

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
EPN	3 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Lindane	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.

Sweet corn (kernels and forage thereof).

Pesticide	*Tolerance*
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.

Corn (Kernels plus cob with husk removed).

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	2 p.p.m.
Maneb	7 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
1-Naphthyl *N*-methylcarbamate	5 p.p.m.

(32) Cucumbers.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	30 p.p.m. of inorganic bromide calculated as Br.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
1-Naphthyl *N*-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(33) Eggplants.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
1 Naphthyl *N*-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(34) Endive and escarole.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
Parathion	1 p.p.m.
Zineb	25 p.p.m.

(35) Kale and collards.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Zineb	25 p.p.m.
Ziram	7 p.p.m.

Kohlrabi. For tolerances established for pesticide residues on kohlrabi, see "Cabbage, brussels sprouts, kohlrabi."

(36) Lettuce.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
1,1-Dichloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
EPN	3 p.p.m.
Ethylene dibromide (soil treatment)	30 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.5 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	25 p.p.m.
Ziram	7 p.p.m.

Romaine.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Zineb	25 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

Lima Beans. For tolerances established for pesticide residues on lima beans, see "Beans, green beans, etc."

(37) Melons, including cantaloupes, muskmelons, watermelons, and other melons.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
DDT	7 p.p.m.
Ethion	1 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Sodium dimethyldithiocarbamate (post-harvest use)	25 p.p.m. as zinc ethylene-bisdithiocarbamate.
TDE	7 p p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Cantaloupes.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dieldrin	Zero.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ethyl 4,4'-dichlorobenzilate	5 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Sodium-*o*-phenylphenate (post-harvest use)	125 p.p.m. (not more than 10 p.p.m on edible portion, calculated as *o*-phenylphenol.)
Tetraiodoethylene (post-harvest application)	15 p.p.m.

Honeydew melons.

Pesticide	*Tolerance*
Captan	100 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

Muskmelons.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Demeton	0.75 p.p.m.
Dieldrin	Zero.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Watermelons.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dieldrin	Zero.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

Bitter melon (Mormodica charantia).

Pesticide	*Tolerance*
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

(38) Mushrooms.

Pesticide	*Tolerance*
DDT	7 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Zineb	7 p.p.m.

(39) Mustard greens.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Zineb	25 p.p.m.

(40) Okra.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.

(41) Onions (including green onions).

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	10 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	2 p.p.m.
Ethion	1 p.p.m.
Ferbam	7 p.p.m.
Heptachlor	Zero.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Tartar emetic	3.5 p.p.m. of combined antimony trioxide.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Onions (dry bulbs only).

Pesticide	*Tolerance*
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	1 p.p.m.
Maleic hydrazide	15 p.p.m.
Monuron	1 p.p.m.

Garlic.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	1 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.

Leeks.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.

Shallots.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	10 p.p.m.
Malathion	8 p.p.m.

42) Parsley.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Zineb	7 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

(43) Parsnips (with or without tops) or parsnip greens alone.

Pesticide	*Tolerance*
DDT	7 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.

Parsnips (roots only).

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Malathion	8 p.p.m.

(44) Peanuts.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion (post-harvest application)	8 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m. (determined on the nuts with shell removed).
Pyrethrins (post-harvest use)	1 p.p.m. (determined on the nuts with shell removed).
Sesone	6 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(45) Peas.

Pesticide	*Tolerance*
Aldrin	Zero.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
Dieldrin	Zero.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Peas (dried).

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.

Peas (with pods).

Pesticide	*Tolerance*
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

Cowpeas.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.
Heptachlor	Zero.
Methoxychlor	100 p.p.m.

(46) Peppers (Pimientos).

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	30 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
1-Naphthyl *N*-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Peppers (bell).

Pesticide	*Tolerance*
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

(47) Potatoes. Tolerances are not needed for those pesticides applied only to the foliage of potatoes and that are not translocated to the tubers.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
CIPC (postharvest application)	50 p.p.m.
Dalapon	10 p.p.m. as 2,2-dichloropropionic acid.
Demeton	0.75 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	1 p.p.m.
DDT	1 p.p.m. after washing off soil present when marketed.
Dieldrin	0.1 p.p.m.
Diuron	1 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Malathion	8 p.p.m.
Maleic hydrazide	50 p.p.m.
Maneb	0.1 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
Methyl bromide (post-harvest fumigation)	75 p.p.m. of inorganic bromide calculated as Br.
Sesone	6 p.p.m.

Potato chips*

Pesticide	*Tolerance*
Maleic hydrazide	160 p.p.m.

(48) Pumpkins.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
DDT	7 p.p.m.
Dieldrin	Zero.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(49) Radishes (with or without tops) or radish tops.

Pesticide	*Tolerance*
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Tolerance established under the Food Additives Amendment to the Federal Food, Drug, and Cosmetic Act.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

Radishes.

Pesticide	*Tolerance*
Aldrin	0.25
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

Horseradish.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.1 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.

Rutabagas (with or without tops) or rutabaga tops. For tolerances established for pesticide residues on rutabagas, see "Turnips and rutabagas."

(50) Salsify.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Zineb	7 p.p.m.

Salsify root.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.1 p.p.m.

Salsify tops.

Pesticide	*Tolerance*
Dieldrin	0.25 p.p.m.

(51) Spinach.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
DDT	7 p.p.m.
1,1-Dichloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	25 p.p.m.
Ziram	7 p.p.m.

(52) Squash (summer and winter squash).

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
DDT	7 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Summer squash.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
Dieldrin	0.25 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
1-Naphthyl *N*-methylcarbamate	10 p.p.m.

Winter squash.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Aldrin	0.1 p.p.m.
Dieldrin	Zero.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

Zucchini squash.

Pesticide	*Tolerance*
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

(53) Sweet potatoes. Tolerances are not needed for those pesticides applied only to foliage of sweet potatoes and which are not translocated to the tubers.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Chlordane	0.3 p.p.m.
DDT (post-harvest use)	7 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide caclulated as Br.
Heptachlor	Zero.
Methyl bromide (post-harvest fumigation)	75 p.p.m. of inorganic bromide calculated as Br.
Sodium *o*-phenylphenate	15 p.p.m. calculated as *o*-phenylphenol.

Yams.

Pesticide	*Tolerance*
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

(54) Swiss chard.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	25 p.p.m.

(55) Tomatoes.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p*-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
Copper arsenate	3.5 p.p.m. of combined As_2O_3
Demeton	0.75 p.p.m.
Dichlone	3 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	10 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
Endrin	Zero.
EPN	3 p.p.m.
Ethion	1 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
1-Naphthyl *N*-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

TOMATOES—*Continued*

Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Thiram	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(56) Turnips or rutabagas (with or without tops) or turnip greens or rutabaga tops.

Pesticide	*Tolerance*
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Flourine compounds	7 p.p.m. of combined As_2O_3.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Turnips with tops.

Pesticide	*Tolerance*
Heptachlor	Zero.
Malathion	8 p.p.m.

Rutabagas.

Pesticide	*Tolerance*
Toxaphene	7 p.p.m.

Rutabagas (yellow turnips) without tops.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.

Turnips and Rutabagas.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Dieldrin	0.25 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

Turnip tops.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	1 p.p.m.

Turnips.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.

Grain crops.

(57) Barley.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	100 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.

Barley Malt*

Pesticide	*Tolerance*
Gibberellic acid and/or potassium gibberellate	2 p.p.m. as gibberellic acid

(58) Buckwheat.

Pesticide	*Tolerance*
Calcium cyanide (post-harvest use)	25 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	100 p.p.m.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.

** Tolerance established under the Food Additives Amendment to the Federal Food, Drug, and Cosmetic Act.*

(59) Corn grain (includes popcorn).

Pesticide	*Tolerance*
Aldrin	Zero.
Allethrin (post harvest use)	2 p.p.m.
Calcium cyanide (post harvest use)	25 p.p.m.
Dieldrin	Zero.
Diuron	1 p.p.m.
Ethylene dibromide (post harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	100 p.p.m.
Malathion (post harvest application)	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Mineral oil (post harvest application)	200 p.p.m.
Piperonyl butoxide (post harvest use)	20 p.p.m.
Pyrethrins (post harvest application)	3 p.p.m.

Corn grain

Pesticide	*Tolerance*
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

Popcorn grain.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post harvest uses)	100 p.p.m.
Methyl bromide (post-harvest fumigation)	240 p.p.m. of inorganic bromide calculated as Br.

Field corn.

Pesticide	*Tolerance*
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.

(60) Oats.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	100 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Toxaphene	5 p.p.m.

(61) Rice.

Pesticide	*Tolerance*
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Hydrogen cyanide (post-harvest fumigation)	100 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.

(62) Rye.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	100 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.

(63) Wheat.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	100 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.
Zineb	1 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

(64) Oat grain, Barley grain, Rice grain, Rye grain, Wheat grain.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Dieldrin	0.1 p p m.
Malathion (post-harvest application)	8 p.p.m.

Wheat grain.

Pesticide	Tolerance
Diuron	1 p.p.m.

(65) Sorghum grain.

Pesticide	Tolerance
Calcium cyanide (post-harvest use)	25 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Malathion (post-harvest application)	8 p.p.m.
Toxaphene	5 p.p.m.

(66) Grain sorghum (Milo).

Pesticide	Tolerance
Allethrin (post-harvest use)	2 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	100 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

(67) Grain Sorghum.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.
Mineral oil (post-harvest application)	200 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Hay and forage crops.

(68) Alfalfa.

Pesticide	Tolerance
Aldrin	Zero.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	Zero.
Demeton	5 p.p.m.
Dieldrin	Zero.
Diuron	2 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	100 p.p.m.
Parathion	1 p.p.m.

(69) Alfalfa hay.

Pesticide	Tolerance
Demeton	12 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

(70) Clover (including sweet clover).

Pesticide	Tolerance
Aldrin	Zero.
Demeton	5 p.p.m.
Dieldrin	Zero.
Heptachlor	Zero.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	100 p.p.m.
Parathion	1 p.p.m.

Clover hay.

Pesticide	Tolerance
Demeton	12 p.p.m.

Birdsfoot trefoil (hay, forage).

Pesticide	Tolerance
Diuron	2 p.p.m.

(71) Cowpea hay.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.

(72) Corn forage.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Parathion	1 p.p.m.

Sweet corn forage.

Pesticide	Tolerance
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.

Corn forage or fodder (including sweet corn, field corn, popcorn)

Pesticide	Tolerance
Diuron	2 p.p.m.

Corn fodder and forage

Pesticide	Tolerance
1-Naphthyl *N*-methylcarbamate	25 p.p.m.

(73) Grass and grass hay. Grass, pasture and range.

Pesticide	Tolerance
Heptachlor	Zero.
Malathion	8 p.p.m.

Grass for forage.

Pesticide	Tolerance
Methoxychlor	100 p.p.m.
Parathion	1 p.p.m.

Grass crops (grass hay).

Pesticide	Tolerance
Diuron	2 p.p.m.
Malathion	8 p.p.m.

(74) Grain Sorghum forage.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.

Sorghum forage.

Pesticide	Tolerance
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.

(75) Lespedeza.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.

(76) Oat straw, Rice straw, Barley straw, Rye straw, Wheat straw.

Pesticide	Tolerance
Aldrin	0.75 p.p.m.
Dieldrin	0.75 p.p.m.

Wheat hay, wheat forage, wheat straw.

Pesticide	Tolerance
Diuron	2 p.p.m

(77) Pea forage.

Pesticide	Tolerance
Parathion	1 p.p.m.

Pea vines.

Pesticide	Tolerance
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.

(78) Pea hay.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.
Malathion	8 p.p.m.

(79) Peanut forage.

Pesticide	Tolerance
Methoxychlor	100 p.p.m.

(80) Peanut hulls and hay.

Pesticide	Tolerance
Sesone	6 p.p.m.

(81) Peanut hay.

Pesticide	Tolerance
Aldrin	Zero.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

(82) Soybean forage.

Pesticide	Tolerance
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Methoxychlor	100 p.p.m.

(83) Soybean hay.

Pesticide	Tolerance
Aldrin	Zero.
Dieldrin	Zero.

(84) Vetch.

Pesticide	Tolerance
Parathion	1 p.p.m.

(85) Tree nuts.

Almonds.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Demeton	0.75 p.p.m.
EPN	0.5 p.p.m.
Ferbam	0.1 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Maneb	0.1 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Ziram	0.1 p.p.m.

Almond hulls.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthio) methyl *O,O*-diethyl phosphorodithioate.	2 p.p.m.
Demeton	5 p.p.m.

Brazil nuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Bush nuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Butternuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Cashews.

Pesticide	Tolerance
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Chestnuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated a Br.

Filberts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.

Hazel nuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.

Hickory nuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide, calculated as Br.
Toxaphene	7 p.p.m.

Litchi nuts.

Pesticide	Tolerance
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

Pecans.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Demeton	0.75 p.p.m.
EPN	0.5 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.
Ziram	0.1 p.p.m.

Pistachio nuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide caclulated as Br.

Walnuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Demeton	0.75 p.p.m.
EPN	0.5 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Toxaphene	7 p.p.m.

English Walnuts.

Pesticide	Tolerance
Schradan	0.75 p.p.m.

(86) Meat, Fish, and Poultry.

Fat of Meat from Cattle, Goats, and Sheep

Pesticide	Tolerance
Lindane	7 p.p.m.

Fat of Meat from Hogs

Pesticide	Tolerance
Lindane	4 p.p.m.

Fat of Meat from Cattle, Sheep or Hogs.

Pesticide	Tolerance
DDT	7 p.p.m.
Methoxychlor	3 p.p.m.

Fat of Meat from Cattle, Goats, Hogs, and Sheep.

Pesticide	Tolerance
2,3-*p*-dioxanedithiol-S,S-bis(O,O-diethyl phosphorodithioate	1 p.p.m.
Toxaphene	7 p.p.m.

Fish (vertebrate), whole, headed, or gutted, in fresh, uncooked, unfrozen, form.

Pesticide	Tolerance
Chlortetracycline	5 p.p.m.

Meat (uncooked) or meat byproducts from cattle

Pesticide	Tolerance
Ronnel	Zero

Meat and meat by-products from cattle, goats, hogs, sheep, poultry.

Pesticide	Tolerance
Malathion	4 p.p.m.

Meat

Pesticide	Tolerance
2,4,5,4'-tetrachlorodiphenyl sulfone	Zero

Meat and milk

Pesticide	Tolerance
Dodine	Zero
Ethion	Zero

Poultry (uncooked).

Pesticide	Tolerance
Chlortetracycline	7 p.p.m.
Oxytetracycline	7 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

Scallops (shucked), in fresh, uncooked, unfrozen form.

Pesticide	Tolerance
Chlortetracycline	5 p.p.m.

Shrimp (unpeeled), in fresh, uncooked, unfrozen form.

Pesticide	Tolerance
Chlortetracycline	5 p.p.m.

(87) Milk.

Pesticide	Tolerance
Malathion	Zero.
Methoxychlor	Zero.
2,4,5,4'-tetrachlorodiphenyl sulfone	Zero.

(88) Eggs.

Pesticide	Tolerance
Malathion	Zero.

(89) Other raw agricultural commodities.

Bananas

Pesticide	Tolerance
1-Naphthyl N-methylcarbamate	10 p.p.m.

Birdseed Mixtures.

Pesticide	Tolerance
Piperonyl butoxide	20 p.p.m.
Pyrethrins	3 p.p.m.

Cavandish bananas.

Pesticide	Tolerance
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

Citrus pulp, dehydrated, for cattle feed*

Pesticide	Tolerance
2,3-*p*-Dioxanedithiol-S,S-bis(O,O-diethyl phosphorodithioate)	18 p.p.m.
Ethion	5 p.p.m.

Cipollini bulbs.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

Cocoa beans.

Pesticide	Tolerance
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Copra.

Pesticide	Tolerance
Ethylene oxide (post-harvest fumigation)	50 p.p.m.
Methyl bromide (post-harvest fumigation)	100 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Cotton.

Pesticide	Tolerance
Heptachlor	Zero.

Cotton seed.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.2 p.p.m.
Dalapon	35 p.p.m. as 2,2-dichloropropionic acid.
1,1-bis (*p*-chlorophen2yl)-,2,2-trichloroethanol	0.1 p.p.m.
O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate.	0.5 p.p.m.
Diuron	1 p.p.m.
Endrin	Zero.
EPN	0.5 p.p.m.
Ethylene dibromide (soil treatment)	25 p.p.m. of inorganic bromide calculated as Br.
Malathion	2 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
1-naphthyl *N*-methylcarbamate	5 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

** Tolerance established under the Food Additives Amendment to the Federal Food, Drug, and Cosmetic Act.*

Dandelions.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.

Fennel.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.

Flaxseed.

Pesticide	Tolerance
Dalapon	75 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Hops.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	30 p.p.m.
Demeton	1.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Parathion	1 p.p.m.
Zineb	60 p.p.m.

Olives.

Pesticide	Tolerance
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	1 p.p.m.
EPN	3 p.p.m.
Parathion	1 p.p.m.

Peppermint.

Pesticide	Tolerance
Malathion	8 p.p.m.

Sesame.

Pesticide	Tolerance
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.

Spearmint.

Pesticide	Tolerance
Malathion	8 p.p.m.

Soy beans.

Pesticide	Tolerance
Aldrin	Zero.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dieldrin	Zero.

Soybeans (dry and succulent forms).

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.

Sugarcane.

Pesticide	Tolerance
Diuron	1 p.p.m.
Heptachlor	Zero.
Monuron	1 p.p.m.

Watercress.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.

Whole spices.

Pesticide	Tolerance
Ethylene oxide (post-harvest fumigation)	50 p.p.m.

Whole spices (specified).

Allspice, anise, basil, bay, black pepper, caraway, cassia, celery seed, chili, cinnamon, cloves, coriander, cumin, dill, ginger, mace, marjoram, nutmeg, oregano, paprika, poppy, red pepper, rosemary, sage, savory, thyme, turmeric, white pepper.

Pesticide	Tolerance
Hydrogen cyanide (post-harvest fumigation)	250 p.p.m.

COMMON, CHEMICAL, AND/OR TRADE NAMES OF PESTICIDES. LIST PREPARED AND DISTRIBUTED BY FOOD AND DRUG ADMINISTRATION, U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, OCTOBER, 1960.

Common Nam	*Chemical Name*	*Trade Nam*
aldrin	1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-dimethanonaphthalene	
allethrin	allyl homolog of cinerin I	
amiton oxalate (proposed)	*O,O*-diethyl S-2-diethylaminoethyl phosphorothioate hydrogen oxalate	Tetram
ammonia	ammonia	
benzene hexachloride (BHC)	1,2,3,4,5,6-hexachlorocyclohexane	
	2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite	Aramite
calcium arsenate	calcium arsenate	
calcium cyanide	calcium cyanide	
captan	*N*-trichloromethyl mercapto-4-cyclohexene-1,2-dicarboximide	
carbon disulfide	carbon disulfide	
carbon tetrachloride	carbon tetrachloride	
chlorbenside	*p*-chlorobenzyl *p*-chlorophenyl sulfide	Mitox
chlordane	1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene	
chloroform	chloroform	
	p-chlorophenyl phenyl sulfone	Sulphenone
	1,1-bis *p*-chlorophenyl)-2,2,2-trichloroethanol	Kelthane
	S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	Trithion
chloropicrin	trichloronitromethane	
chlortetracycline	chlortetracycline	Aureomycin
CIPC	isopropyl *N*(3-chlorophenyl)carbamate	
copper arsenate	copper arsenate	
copper carbonate (basic)	basic copper carbonate	
copper compounds (other)	Bordeaux mixture. copper acetate, copper-lime mixtures, copper oleate, copper oxychloride, copper silicate, copper sulfate (basic), copper sulfate monohydrate, copper-zinc chromate, cuprous oxide,tetra copper calcium oxychloride	
dalapon	sodium 2,2-dichloropropionate as 2,2-dichloropropionic acid	
DDT	a mixture of 1,1,1-trichloro-2,2-bis (*p*-chlorophenyl) ethane and 1,1,1-trichloro-2-(*o*-chlorophenyl)-2-(*p*-chlorophenyl) ethane	
demeton	*O,O*-diethyl (2-ethylmercaptoethyl) thiophosphate, a mixture of thiono and thiol isomers	Systox
dichlone	2,3-dichloro-1,4-naphthoquinone	Phygon
	1,1-dichloro-2,2-bis (*p*-ethylphenyl) ethane	Perthane
	2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	Dyrene
2,4-D	2,4-dichlorophenoxy acetic acid	
	Dicyclohexylamine salt of dinitro-*o*-cyclohexylphenol	
dieldrin	1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4,5,8-dimethanonaphthalene	
	O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	Diazinon
	O,O-dimethyl S-4-oxo-1,2,3-benzotriazin-3 (4H)-ylmethyl phosphorodithioate	Guthion
	dinitro-*o*-cresol	
	dinitro-*o*-cyclohexylphenol	
	dinitro-*o-sec*. butylphenol	
	2,3-*p*-dioxanedithiol S,S-bis (O,O-diethyl phosphorodithioate)	Delnav
diphenyl, biphenyl	diphenyl	
diuron	3-(3,4-dichlorophenyl)-1,1-dimethylurea	Karmex DW
dodine	N-dodecylguanidine acetate	
endrin	1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-*endo-endo*-5,8-dimethanonaphthalene	
EPN	*O*-ethyl *O*-*p*-nitrophenyl benzene thiophosphonate	
ethion	O,O,O′,O′-tetraethyl S,S′-methylene bisphosphorodithioate	
ethoxyquin	1,2-dihydro-6-ethoxy-2,2,4-trimethylquinoline	
	ethyl 4,4′-dichlorobenzilate	Chlorobenzilate
ethylene dibromide	ethylene dibromide	
ethylene dichloride	ethylene dichloride	
ethylene oxide	ethylene oxide	
ferbam	ferric dimethyldithiocarbamate	
ferrous sulfate		
fluorine compounds	cryolite, synthetic cryolite, sodium aluminum fluoride	
glyodin	2-heptadecyl glyoxalidine acetate	
heptachlor	1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	

Common Name	*Chemical Name*	*Trade Name*
	6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin-3-oxide	Thiodan
HETP	hexaethyl tetraphosphate	
HCN	hydrogen cyanide	
lead arsenate	lead arsenate	
lime	calcium oxide	
lime sulfur	calcium polysulfide, water, free sulfur, calcium thiosulphate mixture	
lindane	gamma isomer of benzene hexachloride	
magnesium arsenate	magnesium arsenate	
malathion	*O,O*-dimethyl dithiophosphate of diethyl mercaptosuccinate	
maleic hydrazide	1,2-dihydro-3,6-pyridazinedione	
maneb	manganous ethylenebisdithiocarbamate	
	manganous dimethyldithiocarbamate	
	mercaptobenzothiazole	
mercury-containing compounds		
	1-methoxycarbonyl-1-propen-2-yl-dimethyl phosphate and its beta isomer	Phosdrin
methoxychlor	2,2-bis-(*p*-methoxyphenyl)-1,1,1-trichloroethane	
methyl bromide	methyl bromide	
methylene chloride	methylene chloride	
methyl parathion	*O,O*-dimethyl-*O*-*p*-nitrophenyl thiophosphate	
mineral oil	refined petroleum oil	
monuron	3-(*p*-chlorophenyl)-1,1-dimethylurea	Karmex W
naphthalene acetic acid	naphthalene acetic acid	
	1-naphthyl *N*-methylcarbamate	Sevin
nicotine-containing compounds	nicotine sulfate & others	
	N-octylbicyclo-(2,2,1)-5-heptene-2,3-dicarboximide	MGK 264
ovex	*p*-chlorophenyl-*p*-chlorobenzene sulfonate	Ovotran
oxytetracycline	oxytetracycline	
parathion	*O,O*-diethyl *O*-*p*-nitrophenyl thiophosphate	
petroleum oils		
phenothiazine	thiodiphenylamine	
piperonyl butoxide	(butyl carbityl) (6-propyl piperonyl) ether	
piperonyl cyclonene	mixture of 3-alkyl-6-carbethoxy-5-(3,4-methylene-dioxyphenyl)-2-cyclohexene-1-one and 3-alkyl-5-(3,4-methylenedioxyphenyl)-2-cyclohexen-1-one	
potassium polysulfide	potassium polysulfide	
n-propyl isome	dipropyl 5,6,7,8-tetrahydro-7-methylnaphtho (2,3)-1,3-dioxole-5,6-dicarboxylate	
pyrethrins	insecticidally active principles of Chrysanthemum cinerariaefolium	
ronnel	*O,O*-dimethyl *O*-(2,4,5-trichlorophenyl) phosphorothioate	
rotenone or derris or cubé roots		
ryania	ryania	
sabadilla	sabadilla	
schradan	octamethylpyrophosphoramide (OMPA)	
selenium & selenium compounds		
sesone	sodium 2,4-dichlorophenoxyethyl sulfate	SES
sodium arsenate	sodium arsenate	
sodium carbonate	sodium carbonate	
	sodium dehydroacetate	
	sodium dimethyldithiocarbamate (calculated as zinc ethylenebisdithiocarbamate)	
	sodium-*o*-phenylphenate	
sodium polysulfide	sodium polysulfide	
sulfur	sulfur	
sulfur dioxide		
tartar emetic	potassium antimonyl tartrate	
TDE	1,1-dichloro-2,2-bis (parachlorophenyl) ethane	
TEPP	tetraethyl pyrophosphate	
	2,4,5,4′-tetrachlorodiphenyl sulfone	Tedion
	tetraiodoethylene	
thiram	tetramethyl thiuram disulfide	
toxaphene	chlorinated camphene containing 67 to 69 % chlorine	
	1,1,1-trichloroethane	
zineb	zinc ethylene bisdithiocarbamate	
ziram	zinc dimethyldithiocarbamate	

ALPHABETICAL INDEX BY COMMODITY

Commodity	Section	Page
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Alfalfa	68	14
Alfalfa hay	69	14
Allspice (Whole spices)	89	15
Almonds	85	15
Almond hulls	85	15
Anise	89	15
Apples	1	3
Apricots	2	4
Artichokes	23	7
Asparagus	24	7
Avocados	3	4
B		
Bananas	89	16
Bananas, Cavandish	89	15
Barley*	57	13
Barley grain*	64	14
Barley malt	57	13
Barley straw	76	14
Basil (Whole spices)	89	16
Bay (Whole spices)	89	16
Beans*	25	7
Beans, cocoa	89	16
Beans (Dried)	25	7
Beans (Green, snap)	25	7
Beans (Lima)	25	7
Beans (Soy)	89	16
Beets (garden) roots only	26	8
Beets (garden) tops only	26	8
Beets (garden) with or without tops	26	8
Beet greens	26	8
Beets (sugar)	26	8
Berries (related to raspberries, blackberries, loganberries)	20	6
Berries (blue)	4	4
Birdseed mixtures	89	16
Birdsfoot trefoil (hay, forage)	70	14
Bitter Melon (Mormodica Charanta)	37	10
Blackberries	20	6
Blackeyed peas	25	7
Black Pepper (Whole spices)	89	16
Blueberries	4	4
Boysenberries	20	7
Brazil nuts	85	15
Broccoli*	27	8
Brussels Sprouts*	28	8
Buckwheat*	58	13
Bush nuts	85	15
Butternuts	85	15
C		
Cabbage*	28	8
Cabbage (Chinese)	28	8
Cantaloupe	37	10
Caraway (Whole spices)	89	16
Carrots	29	8
Carrot Tops	29	8
Carrots (with or without tops)	29	8
Cashews	85	15
Cassia (Whole spices)	89	16
Cattle, Fat meat of	86	15
Cattle, Meat and Meat By-Products from	86	15
Cauliflower*	28	8
Cavandish bananas	89	16
Celery	30	8
Celery Seed (Whole spices)	89	16
Cherries	5	4
Cherries (sour)	5	4
Chestnuts	85	15
Chili (Whole spices)	89	16
Chinese Cabbage	28	8
Cinnamon (Whole spices)	89	16
Citron (Citrus)	6	5
Citrus Citron	6	5
Citrus fruits	6	4
Citrus pulp, dehydrated	89	16
Clover (including sweet clover)	70	14
Clover Hay	70	14
Cloves (Whole spices)	89	16
Cocoa beans	89	15
Collards*	35	9
Copra	89	16
Coriander (Whole spices)	89	16
Corn (fresh vegetable)	31	9
Corn (kernels plus cob with husk removed)	31	9
Corn grain (includes pop corn)*	59	13
Corn fodder and forage	72	14
Corn forage	72	14
Corn forage and fodder	72	14
Corn grain	59	13
Cotton	89	16
Cotton Seed	89	16
Cowpeas	45	11
Cowpea Hay	71	14
Crabapples	1	3
Cranberries	7	5
Cucumbers	32	9
Cumin (Whole spices)	89	16
Currants	8	5
D		
Dandelions	89	16
Dates	9	5
Dewberries	20	7
Dill (Whole spices)	89	16
E		
Eggs	88	16
Eggplant	33	9
Endive	34	9
English Walnuts	85	15
Escarole	34	9
F		
Fat Meat of Cattle, Sheep or Hogs	86	15
Fat of Meat from Cattle, Goats, and Sheep	86	15
Fat of Meat from Hogs	86	15
Fennel	89	16
Field Corn	59	13
Fish (vertebrate)	86	15
Figs	10	5
Filberts	85	15
Flaxseed	89	16
G		
Garlic	41	10
Ginger (Whole spices)	89	16
Goats, Fat meat of	86	15
Goats, Meat and Meat By-Products from	86	15
Gooseberries	11	5
Grain Crops*	57-67	13
Grain Sorghum	67	14
Grain sorghum forage	74	14
Grain sorghum (Milo)*	66	14
Grapefruit*	6	4
Grapes	12	5
Grass crops (grass hay)	73	14
Grass for forage	73	14
Grass and grass hay	73	14
Grass, pasture and range	73	14
Green Beans	25	7
Greens (Mustard)*	39	10
Green Onions	41	10
Greens (Parsnip)	43	11
Guavas	13	5
H		
Hay and forage crops	68-84	14
Hazel Nuts	85	15
Hickory nuts	85	15
Hogs, Fat meat of	86	15
Hogs, Meat and Meat By-Products	86	15
Honeydew Melons	37	10
Hops	89	16
Horseradish*	49	12
Huckleberries	4	4
Hulls, almond	85	15
Hulls and hay, Peanut	80	14
K		
Kale*	35	9
Kohlrabi*	28	8
Kumquats	6	5
L		
Leeks	41	10
Lemons*	6	4
Lespedeza	75	14
Lettuce*	36	9
Lima Beans	25	7
Limes	6	5
Lttchi nuts	85	15
Loganberries	20	6
M		
Mace (Whole spices)	89	16
Mangoes	14	5
Marjoram (Whole spices)	89	16
Meat	86	15
Meat and Meat by-products from cattle, goats, hogs, sheep, and poultry	86	15
Meat and milk	86	15
Meat, fish, and poultry	86	15
Meat (uncooked) or meat by-products from cattle	86	15
Melons	37	10
Melons (other)	37	10
Milk	87	16

[*See also the section on Page 3 listing Pesticide Chemicals which are exempt from the requirements of a tolerance]

Alphabetical Index By Commodity (continued)

Commodity	Section	Page
Milo*	66	14
Mushrooms*	38	10
Muskmelons	37	10
Mustard Greens*	39	10
N		
Nectarines	17	6
Nuts, tree	85	15
Nutmeg (Whole spices)	89	16
O		
Oats*	60	13
Oat grain*	64	14
Oat straw	76	14
Okra	40	10
Olives	89	16
Onions (dry bulbs only)	41	10
Onions (including green onions)	41	10
Oranges*	6	5
Oregano (Whole spices)	89	16
P		
Papayas	15	6
Paprika (Whole spices)	89	16
Parsley	42	10
Parsnips (Roots only)	43	11
Parsnips (with or without tops)	43	11
Passion Fruit	16	6
Pasture grass	73	14
Pea forage	77	14
Pea hay	78	14
Pea vines	77	14
Peaches	17	6
Peanuts	44	11
Peanut forage	79	14
Peanut hay	81	14
Peanut hulls and hay	80	14
Pears	1	3
Peas	45	11
Peas (Dried)	45	11
Peas (with pods)	45	11
Pecans	85	15
Pepper, Black (Whole spices)	89	16
Pepper, Red (Whole spices)	89	16
Pepper, White (Whole spices)	89	16
Peppermint	89	16
Peppers (bell)	46	11
Peppers (pimientos)	46	11
Pineapples	18	6
Pistachio nuts	85	15
Plums	19	6
Pop Corn	59	13
Pop Corn (grain)*	59	13
Poppy (Whole spices)	89	16
Potatoes	47	11
Potato chips	47	11
Poultry, Meat and Meat By-Products from	86	15
Poultry (Uncooked)	86	15
Prunes (fresh)	19	6
Pumpkins	48	11
Q		
Quinces	1	3
R		
Radishes*	49	12
Radish tops*	49	11
Radishes (With or without tops)*	49	11
Range grass	73	14
Raspberries	20	6
Red Pepper (Whole spices)	89	16
Rhubarb	21	7
Rice*	61	13
Rice grain*	64	14
Rice straw	76	14
Romaine	36	9
Rosemary (Whole spices)	89	16
Rutabagas*	56	13
Rutabaga tops*	56	13
Rutabagas (with or without tops)*	56	13
Rutabagas (yellow turnips)	56	13
Rye*	62	13
Rye grain*	64	14
Rye straw	76	14
S		
Sage (Whole spices)	89	16
Salsify	50	12
Salsify-root	50	12
Salsify tops	50	12
Savory (Whole spices)	89	16
Scallops (shucked)	86	16
Sesame	86	16
Shallots	41	10
Sheep, Fat meat of	86	15
Shrimp (unpeeled)	86	16
Snap beans	25	7
Sorghum forage	74	14
Sorgham grain*	65	14
Soybeans	89	16
Soybeans (dry and succulent forms)	89	16
Soybean forage	82	15
Soybean hay	83	15
Spearmint	89	16
Spinach	51	12
Squash (summer and winter squash)	52	12
Straw (oat, rice, barley, rye, wheat)	76	14
Strawberries	22	7
Sugar beets	26	8
Sugar beet tops	26	8
Sugar beets (but not tops)	26	8
Sugarcane	89	16
Summer Squash	52	12
Sweet clover	70	14
Sweet Corn forage	72	14
Sweet corn (kernels and forage thereof)	31	9
Sweet Potatoes	53	12
Swiss chard	54	12
T		
Tangelos	6	5
Tangerines	6	4
Thyme (Whole spices)	89	16
Tomatoes	55	12
Tree Nuts	85	15
Trefoil (hay, forage) Birdsfoot	70	14
Turmeric (Whole spices)	89	16
Turnips*	56	13
Turnip greens*	56	13
Turnips and Rutabagas*	56	13
Turnip tops*	56	13
Turnips with tops*	56	13
Turnips (with or without tops)*	56	13
V		
Vetch	84	15
W		
Walnuts	85	15
Watercress	89	16
Watermelons	37	10
Wheat*	63	13
Wheat forage	76	14
Wheat grain*	64	14
Wheat hay	76	14
Wheat straw	76	14
White Pepper (Whole spices)	89	16
Whole spices	89	16
Winter squash	52	12
Y		
Yams	53	12
Z		
Zucchini squash	52	12

*[*See also the section on Page 3 listing Pesticide Chemicals which are exempt from the requirements of a tolerance]*

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